

CLAIM: I claim

1. A handle multi-purpose tool including parts, shapes, and graphs therewith to enable total or partial substitution for a number of different tools generally used to perform electrical installation jobs.
2. The multi-purpose tool defined in claim 1, wherein said handle includes an elongated bar affixed at the center of the lower end of the generally cylindrical cross-section of said handle, extending coaxially downward; said bar having a tip receiver affixed to the lower end of said bar. Here, different standard tips may be coupled to define said handle as a multi-tip screwdriver.
3. The multi-purpose tool defined in claim 2, wherein said handle includes various elongated cavities positioned within said handle, an elastic band placed in a groove encircling said cavities, which are designed to keep a set of tips which integrate with said hand tool therein. Said elongated cavities are positioned in the exterior area around said handle, extending coaxially at about mid-length of said handle, each cavity having an open strip alongside and a ramp form at the bottom, the upper end of said cavity being slightly wider than the lower end, including a circular form. Both the ramp form and the wider upper end of said cavity allow a tip to pivot when a fingertip pushes it, in order to take tips out. Define said hand tool as a multi-tip screwdriver, having tips integrated with the tool body.
4. The multi-purpose tool defined in claim 2, wherein said handle includes various elongated cavities positioned along said handle and an elastic band placed in a groove, said groove encircling said cavities, which are designed to keep a set of tips which integrate with said hand tool therein, said cavities positioned in the exterior area

proximate to the lower end of said hand tool, having an elastic band placed in a groove encircling said elongated cavities to keep said tips in place, integrated with handle tool therein. Said elongated cavities border elongated open strips alongside each and two open ends each to provide means to extract said tips, either upward or downward, by just pushing with a fingertip. Define said hand tool as a multi-tip screwdriver having tips inside therewith.

5. The multi-purpose tool defined in claim 1, wherein said handle includes an elongated bar affixed at the center of the lower end of the generally cylindrical cross-section of said handle extending coaxially downward, said bar having a tip receiver which includes an extension slightly wider than said tip receiver, suitable to receive a particularly shorter flat tip, the flat section of said shorter tip staying hidden inside said extension in such a way that it extends to a particular position where a common screwdriver would slip out because it can't stay aligned with the screw axis, said extension including two "U"-form notches to provide access to said shorter tip: thus, the hand tool works as a non-slip screwdriver.
6. The multi-purpose tool defined in claim 1, wherein said handle includes a generally tapered cavity at the upper end, extending coaxially inward, having an open end and interior sidewalls which include various spread out pairs of grooves forming a socket wire nut receiver, sized to rapidly receive the protruding wings of the two most commonly used wire nut sizes. Define this portion of said handle tool as a wire nut driver.
7. The multi-purpose tool defined in claim 1, wherein said handle includes a generally tapered cavity having a metallic insert in the innermost part of said cavity, said insert

having an open end at the top and various slots at the bottom end on a plane base; (said slots being slightly wider than a cross-section of one #12 stripped wire and slightly narrower than a cross-section of two # 14 stripped wires together), enable the slots to receive various wires passed endwise via the open end of said cavity, which can be spliced by rotating the hand tool. Define this portion of said hand tool as a substitute for pliers performing this specific operation.

8. The multi-purpose tool defined in claim 1, wherein said handle includes a bore at the generally cylindrical exterior area therein, and a level instrument embedded in said bore. Said level instrument includes a liquid substance, an air bubble therein, and a target point indicator. Said handle has thereon two pairs of magnets, embedded at the generally cylindrical exterior area of said handle therein, enabling said hand tool to adhere to any ferrometallic surface, in order that the target point could be checked without holding said hand tool. Define the hand tool as a magnetic level.
9. The multi-purpose tool defined in claim 1, wherein said handle includes a generally tapered cavity extending coaxially inward from the top of said handle therein, a pair of holes diametrically piercing said cavity proximate to the upper end of said handle, sized to receive both ends of a flexible "V"-form hook passed endwise through said cavity, enabling said hand tool to be hung by a cord connected to a hook. Define this hand tool as a plumb bob.
- 10 The multi-purpose tool defined in claim 1, wherein said hand tool includes an elongated bar affixed at the center of the lower end of the generally cylindrical cross-section of said handle extending coaxially downward. Two "L's" and one "J", 120° apart, are formed of steel wire embedded at the lower end of said handle, the longer sides of said three wires

extending coaxially inward, proximate to said bar, through the center of said handle. The shorter sides extend from the exterior edge toward the center of the lower end, positioned so that one piece of said steel wire is slightly over the surface of said lower end of the handle; the shorter side of the "J"-form wire also includes a loop at its free end, suitable to receive the edge of an electrical conduit and remove the burr remaining from sawing when said conduit is cut by the rotating hand tool. Define this portion of said hand tool as a scraper, as a channel lock, or a scraping tool in this specific function.

11. The multi-purpose tool defined in claim 1, wherein said handle has various numerical columns engraved and/or painted on the exterior area of said handle, extending from the upper end downward; said numerical columns are suitable to determine how much length of any particular kind of wound wire is remaining on a reel, just by placing the handle against the wound wire that remains on the reel and reading the numeral which aligns with the reel's edge. Define this portion of said hand tool as a substitute for a measuring tape and a calculator. Note each numerical column including wire size and insulation type.
12. The multi-purpose tool defined in claim 1, wherein said handle includes an elongated bar affixed at the center of the lower end of the generally cylindrical cross-section of said handle, extending coaxially downward. Said bar, being of a flex-resistant material, could be positioned in a way that the free end thereof pivots on any surface, while any other section of said bar could be leaned against in order to put pressure on any object, as does a lever.
13. The multi-purpose tool defined in claim 1, wherein said handle includes an elongated bar affixed at the center of the lower end of the generally cylindrical cross-

section of said handle, extending coaxially downward, said bar having a bayonet steel form attached there, spaced a short distance apart from said bar so that a wire terminal inserted between said bayonet and said bar may be rapidly and easily wrapped around said bayonet to form a screw connection loop. Define this portion of said handle tool as a loop former, as does a needle-nosed or lineman's pliers.

14. The multi-purpose tool defined in claim 1, wherein said tool is able to perform two or more of performances stated from claim 2 to claim 13 above, which have not been disclosed or of which no prior art has been known.